

DAFTAR PUSTAKA

- Abidin, Y. (2014). *Desain Sistem Pembelajaran dalam Konteks Kurikulum 2013*. Bandung: Refika Aditama.
- Amodu F.R & Adewole, O.O. (2014). Towards effective Teaching of Physics Through the Use of Relevant Instructional Materials. *International Journal of Multidisciplinary Sciences and Engineering*, 5(3) 24-26.
- Anderson, L. W & Krathwol D. R. (2001). *A Tsonomy for Learning, Teaching, And Assessing: A revision of Bloom's Taxonomy of Educational Objectives*. New York: Longman
- Anwar, S. (2014). *Bahan Perkuliahan: Pengolahan Bahan Ajar*. Bandung: Universitas Pendidikan Indonesia
- Arikunto, S. (2013). *Dasar-dasar evaluasi pendidikan. Edisi kedua*. Jakarta: Bumi Aksara
- Arikunto, S. (2013). *Prosedur Penelitian Suatu Pendekatan Praktik*. Jakarta: Rineka Cipta.
- Awolaju, B. A. (2016). Instructional Materials as Correlates of Students Academic Performance in Biology in Senior Secondary Schools in Osun State. *International journal of Information and Education Technology*, 6(9). 705-708
- Belawati, T.dkk. (2003). *Pengembangan Bahan Ajar*. Jakarta : Pusat Penerbitan UT.
- Boopathiraj & Chellamani.(2013). Analysis of Test Item on Difficulty Level and Discrimination Index in the Test for Research in Education. *International Journal of Social Science & Interdisciplinary Research*, 12(5), 23-37.
- Campbell, D.T & Stanley, J.C. (1966). *Experiemental and Quasi Experimental Design for Research*. Chicago: Rand Menally & Company.
- Catherine, O. (2013). Effect of Use of Instructional Materials on students Cognitive Achievement in Agricultural Science. *International Journal of Educational and social Research*, 3 (5), 103-107
- Chaplin, Susan. (2007). A Model of Student Success: Coaching Students to Develop Critical Thinking Skills in Introductory Biology Courses. *International Journal for thr Scholarship of Teaching and Learning*. 1(2).

- Choy, S. C. & Cheah, P. K. (2009). Teacher Perceptions of Critical Thinking Among Students and Its Influences on Higher Education. *International Journal of Teaching and Learning in Higher Education*. 20 (2). 198-206
- Chukwuyenum, A. N. (2013). Impact Critical Thinking on Performance in Mathematics Among Senior Secondary School Students in Lagos State. *IOSR-Journal Research & Method in Education*, (5), 18-25.
- Costa, A.L. (1985). *Goal for Critical Thinking Curriculum*. In Costa A.L (ed) *Developing Mind : A Resource book for Teaching Thinking*. Alexandria: ASCD, 54-57
- Creswell. J.W. (2014). *Research Design. Pendekatan Kualitatif, kuantitatif dan mixed.*, Yogyakarta: Pustaka Pelajar
- Dahar, R.W. (1996) *Teori-teori Belajar*, Jakarta: Erlangga
- Debhgani, et. al. (2011). Relationship between Students' Critical Thinking and Self – efficacy Beliefs in Ferdowsi University of Mashhad, Iran. *Procedia Social and Behavioral Sciences*, 15
- Depdiknas. (2008). *Panduan Pengembangan Bahan Ajar*. Jakarta
- Ellianawati. (2012). Pengembangan Bahan Ajar Fisika Matematika Berbasis Self-Regulated Learning sebagai Upaya Peningkatan Kemampuan Belajar Mandiri. *Jurnal Pendidikan Fisika Indonesia*. 8(1).33-40.
- Ennis, R.H. (1981). *Critical Thinking*. New York: Times Company.
- Facione, P.A. (2009). Critical Thinking, what it and why it counts. Insight Assessment, (Online, (<http://www.insightassessment.com>))
- Fisher, A. (2009). *Berpikir Kritis (sebuah pengantar)*. Jakarta: Erlangga.
- Fogarty, R. 1991. *The Mindful School: How To Integrate The Curricula*. IRI/Skylight Publishing.
- Forawi, Sufian A. (2012). Perceptions on Critical Thinking Attributes of Science Education Standards. *International Conference on Education and Management Innovation*. 30: 214-217.
- Fraenkel, J. R., Wallen, E. N, & Hyun, H. (2012). *How to Design and Evaluate Research in Education*. New York: Mc. Graw Hill.
- Ghanney, R.A. (2008). The use of Instructional Materials in the Teaching and Learning of Environmental Studies in Primary Schools. A case Study of Winneba. *Internatinal Journal of Educational Research*. 4(1). 135- 140

- Gautam, A. (2013). Effect of Developed Instructional Material on Attitude of Pupil Teachers Towards Constructivist Approach. *Indian Journal of Applied Research*, 2(10), 1-3.
- Hake, R.R.(1999). *Analyzing Change / gain Scores*. American Educational Research Association's Division, Measurement and Research Methodology.
- Inch, E.S, Warnick, B & Endres, D. (2006). *Fifth Edition. Critical Thinking and Communication. The use of Reason in Argument*. Boston. Pearson Education.Inc
- Ifeoma, M.M (2013). Use of Intructional Materials and Educational Performance of Students in Integrated Science (A case Study of Unity Schools in Jalingo, Taraba state, Nigeria). *IOSr Journal of Research & method in Education*, 3(4), 7-11.
- Jacob, A.K. (2013). Instructional Materials and Improvisation in Physics Class: Implication for Teaching and Learning. *IOSR Journal of Research & method in Education*, 2(5), 38-42.
- Kartimi& Liliyasi. (2012). Pengembangan Alat Ukur Berpikir Kritis Pada Konsep Termokimia Untuk Siswa SMA Peringkat Atas dan Menengah. *Jurnal Pendidikan IPA Indonesia*. (1). 21-26.
<http://journal.unnes.ac.id/index.php/jpii>
- Kemendikbud. 2013. *Panduan Teknis Pembelajaran Tematik Terpadu Dengan Pendekatan Saintifik di Sekolah Dasar*. Jakarta: Direktorat Pembinaan Sekolah Dasar.
- Likoko, Mutsotso, Nasongo. (2013). The Adequacy of Instructional Materials and Physics Facilities and their effects on Quality of Teacher Preparation in Emerging Private Primary Teacher Training Colleges in Bungoma Country, Kenya. *Internatioanl Journal Sciences and Research*, 2(1), 403-408.
- Lin,S.S (2014). Science and Non-Science Undergraduate Student' Critical Thinking And Argumentation Performance In Reading A Science News Report. *International Journal of Science and Mathematic Education*, 12(1), hlm 1023-1046.
- Majid, A. (2005). *Perencanaan Pembelajaran, Mengembangkan Standar Kompetensi Guru*, Bandung: Remaja Rosdakarya
- Megbo, B.C & Saka.A. (2015). Evaluation of Modern Development in Teaching and Learning Process through Instructional Materials Utilization. *International Journal of Multidisciplinary Resercah and Development*, 2(9), 123-127.

- Meltzer, D. E. (2002). *The Relationship Between Mathematic Preparation and Conceptual Learning Gains in Physics: a possible “ hidden variable” in diagnostic pretest scores. Am. J Phy.* 70(12).pp.1259-1268
- Munawaroh, I. (2004). Pengembangan Bahan Ajar Cetak. Unit 4.tt.
- Newton H.C., Kersey Black, Scout Gould (2012). Accelerated Integrated Science Squence: An Interdisciplinary Introductory Course for Science Majors. *The Journal of Undergraduate Neuroscience Education (JUNE)*. Fall 2012.11(1)A76-A8.
- Obgondah, L.(2008). An Appraissal of Instructional Materials Used to Educate Migrant Fishermen’s Children in Rivers State, Nigeria. *International Journal of Scientific Research in education*, Jun. 1 (1), hal 13-25.
- Oladejo, Olosunde, Ojebisi & isola. (2011). Instructional Materials and Students’ Academic Achievement in Physics: Some Policy Implications. *European Journal of Humanities ans Social Sciences*, 2(1), 113-126
- Olayinka, A.B. (2016). Effects of Instructional materials on secondary Shools Student’s Academic Achievement in Social Studies in Ekiti state, Nigeria. *World Journal of Education*, 6 (1), 32-39.
- Onasanya, S.A. & Omosewo. E.O. (2011). Effect of Improvised and Standard Instructional Materials on Secondary Schools Students’ Academic Performance in Physics in Ilorin Nigeria. *Singapore Journal of Scientific Research* 1(1), 68-76.
- Otor, Ogbeba, Ityo. (2015). Influences of Improvised Teaching Instructional Materials on Chemistry Students’ Performance in Senior Secondary Schools in Vandeikya Local Government Area of Benue State, Nigeria. *International Research in Education*, 3(1), 111-114
- Pannen, P. & Purwanto.(2008). *Penulisan Bahan Ajar*. Jakarta, Pusat antar Universitas untuk Peningkatan dan Pengembangan Aktivitas Instruksional Ditjen Dikti Diknas.
- Piaw,Y.C. (2010). Building a Test to Assess Creative and Critical Thinking Simultaneosly. *Procedia Soacial and Behavioral Sciences*, Vol 2
- Powley,E.H & Taylor, S,N. (2014). Pedagogical Approach to Develope Critical Thinking And Crisis Leadership. *Teaching Society for Management Educator & SAGE journal*, 38 (4), hal 560-589.
- Prastowo, A. (2015). *Panduan Kreatif Membuat Bahan Ajar Inovatif: Menciptakan Metode Pembelajaran yang Menarik dan Menyenangkan*. Jogjakarta: DIVA Press.

- Prastowo, A. (2015). *Pengembangan Bahan Ajar Tematik*. Jogjakarta: DIVA Press.
- Riduwan. (2012). *Skala Pengukuran Variabel-Variabel Penelitian*. Bandung: Alfabeta.
- Rosana, D. (2014). Pendekatan Saintifik dalam Pembelajaran IPA Secara Terpadu. Seminar Nasional. UNES.
- Rosmaini. (2009). *Keterbacaan buku teks*. Artikel Universitas Negeri Medan
- Sahragard, R. & Hiedari, K. (2014). How Much Meditation in Dinamyc Assessment for Gifted Student? Up to Critical Thinking Please! *Gifted Education International & SAGE Journal*
- Sani, R.A. (2014). *Pembelajaran Saintifik untuk Implementasi Kurikulum 2013*. Bumi Aksara: Jakarta
- Sanjaya, W. (2008). *Strategi Pembelajaran Berorientasi Standar Proses Pendidikan*. Jakarta, Kencana
- Schaal, S.m Bogner, F.X., & Girwidz, R. (2010). Concept Mapping Assessment of Media Assisted Learning interdisciplinary Science Education. *Research In Science Education*, 40(3), hlm.339-352.
- Schiefe, Ulrich. (1991). *Interest, Learning, and Motivation*. Munich: Lawrence Erlbaum Associates. Inc
- Slavin. R.E. (1992). *Research methods in Education*, 2nd Ed. USA: Allyn and Bacon.
- Snyder,L.G & Snyder, J.M.(2008). Teaching Critical Thinking and Problem Solving Skills, How Critical Thinking Related to Instructional Design. *the Delta Pi Epsilon Journal*,2, 90-99.
- Stiggins, R.J. (1994). *Student-Center Classroom Assessment*. New York: Merrill, an imprint of Macmillan College Publishing Company.
- Sudrajat, A (2008). *Pengembangan Bahan Ajar Materi Pembelajaran PAI*. Makalah disampaikan dalam Workshop Bimbingan Teknis Penguatan KTSP SMP. Bogor
- Suhartini (2007). *Penilaian Hasil belajar Mengajar*. Bandung. Rosdakarya
- Sukarno. (2015). *Peran BAHAS TO SEE dalam Meningkatkan Penguasaan Materi dan Keterampilan Peoses Sains Siswa*. Disertasi. UPI

- Suliyannah & Qosyim (2013). Pengembangan Bahan Ajar IPA Terpadu Tema Letusan Gunung Berapi Kelas VII di SMP Negeri 1 Kamal. *Jurnal Pendidikan Sains e-Pensa*. Volume 01 Nomor 01 Tahun 2013, 42-46
- Sungkono, DKK (2003) *Pengembangan Bahan Ajar*. Yogyakarta, UNY
- Tawil, M. & Liliyasi. (2013). *Berpikir kompleks dan implementasinya dalam pembelajaran IPA*. Makassar: Badan penerbit UNM.
- Thompson, C. (2011). Critical Thinking Across the Curicullum: Process over output. *International Journal of Humanities and Social Sciences*, 1 (9), 1-7 Retrieved from, <http://www.ijhssnet.com/journal/vol.1>, no 9, special issue, july-2011/1.pdf
- Toharudin, U. , Hendrawati, S., Rustaman, A. (2011). *Membangun Literasi Sains Peserta Didik*. Bandung: Humaniora
- Trianto. (2010). *Model Pembelajaran Terpadu Konsep Strategi dan Implementasinya dalam Kurikulum Tingkat Satuan Pendidikan (KTSP)*. Jakarta: Bumi Aksara
- Tucker-Drob, E. M., Cheung, A. K. & Briley, D.A. (2014).Gross Domestic Product, Science Interest, and Science Achievement: A Person x Nation Interaction. *Association for Science/ SAGE Journal*, 25 (11), 2047-2057.
- Utibe & Stephen. A.S. (2015). Problems of Improvising Instructional Materials for the Teaching and Learning of Physics in Akwa Ibom State Secondary Schools, Nigeria. *British Journal of Education*, 3(3), 27-35.
- Wahyuni, S. (2015). Pengembangan Bahan Ajar IPA untuk MeningkatkanKemampuan Berpikir Kritis Siswa SMP. *Jurnal Materi dan Pembelajaran Fisika*. Vol 5(2).47-52
- Widiatuti, dkk. (2015). Pengembangan Bahan Ajar IPA Terpadu Berbasis Masalah pada Topik Klasifikasi Benda untuk Siswa SMP Kleas VII. *Jurnal Penelitian Pascasarjana UNDIKSHA*, Vol 5 (1).
- Winkel. W.S. (1991). *Psikologi Pendidikan*. Jakarta: Gramaedia
- Yu, K.C., Lin, K.Y., & Fan, S.C. (2014) An exploratory study on the application of conceptual knowledge and critical thinking to technological issues. *International journal Technology des Education*, DOI 10.1007/s10798-014-99289-5.
- Yuliati, L. (2013). Efektifitas Bahan Ajar IPA Terpadu Terhadap Kemampuan Berpikir Tingkat Tinggi Siswa SMP. *Jurnal Pendidikan Fisika Indonesia* 9, 53-57.

- Susana, Y., dkk. (2015). Pengembangan Modul IPATerpadu Berbasis Berpikir Kritis dengan Tema Ventilator pada Siswa SMP/MTs Kelas VIII. *Jurnal Inkuiri*. ISSN: 2252-7893, Vol 4, No. 2, 2015 (hal 109-115). <http://jurnal.fkip.uns.ac.id/index.php/sains>.
- Zhou, et al. (2013). Developing Student's Critical Thinking Skills by task-Based Learning in Chemistry Experiment. *Teaching Creative Education*, 4(12), 40-45. <http://doi.org/10.4236/Ce.2013.412A1006>